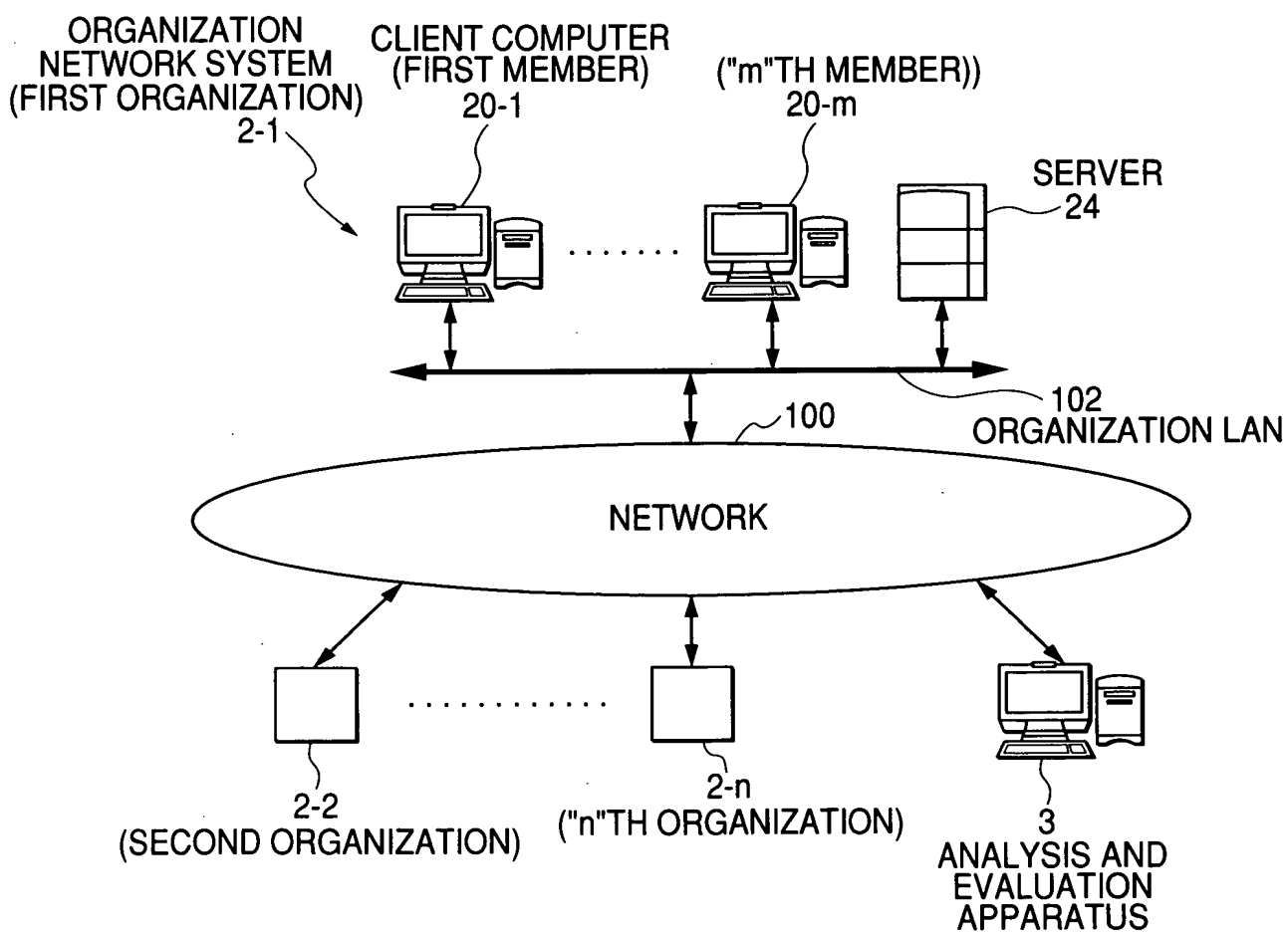


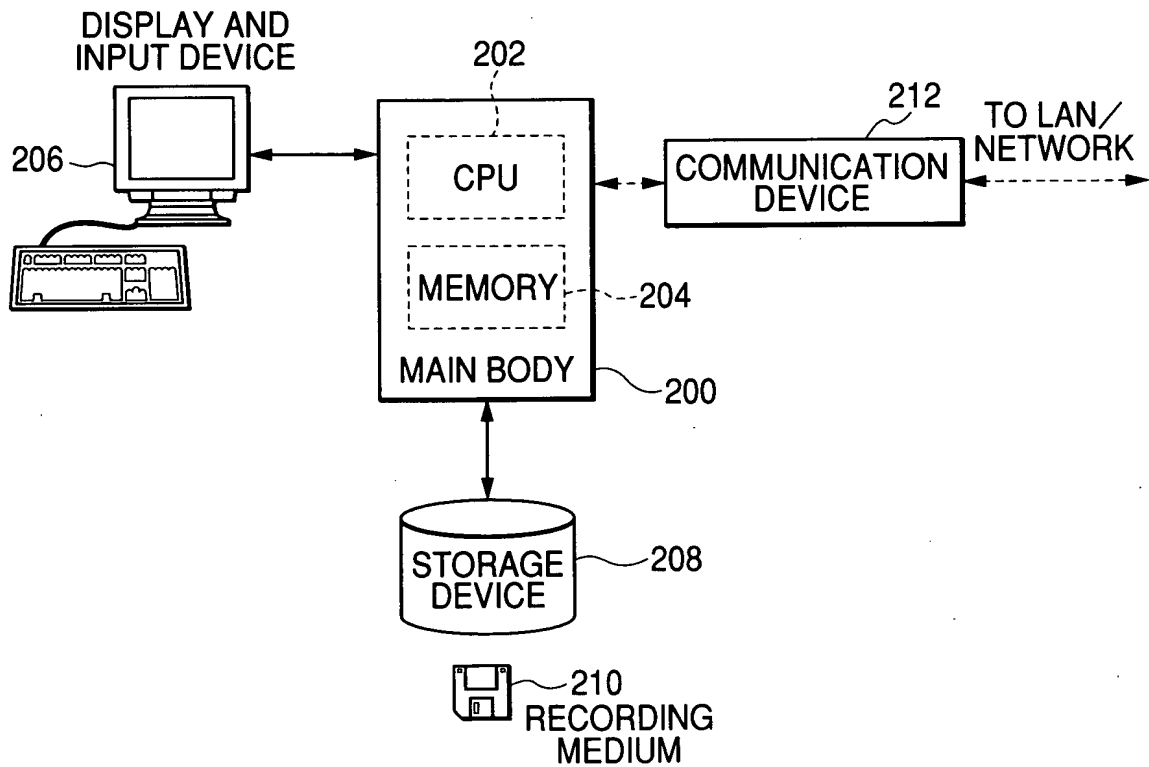
# FIG. 1

## NETWORK SYSTEM 1



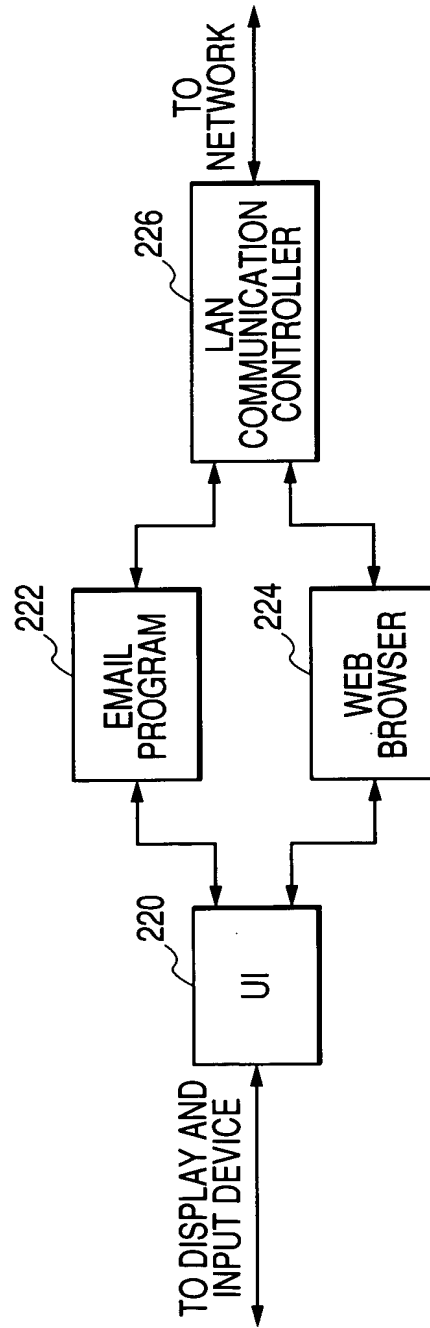
**FIG. 2**

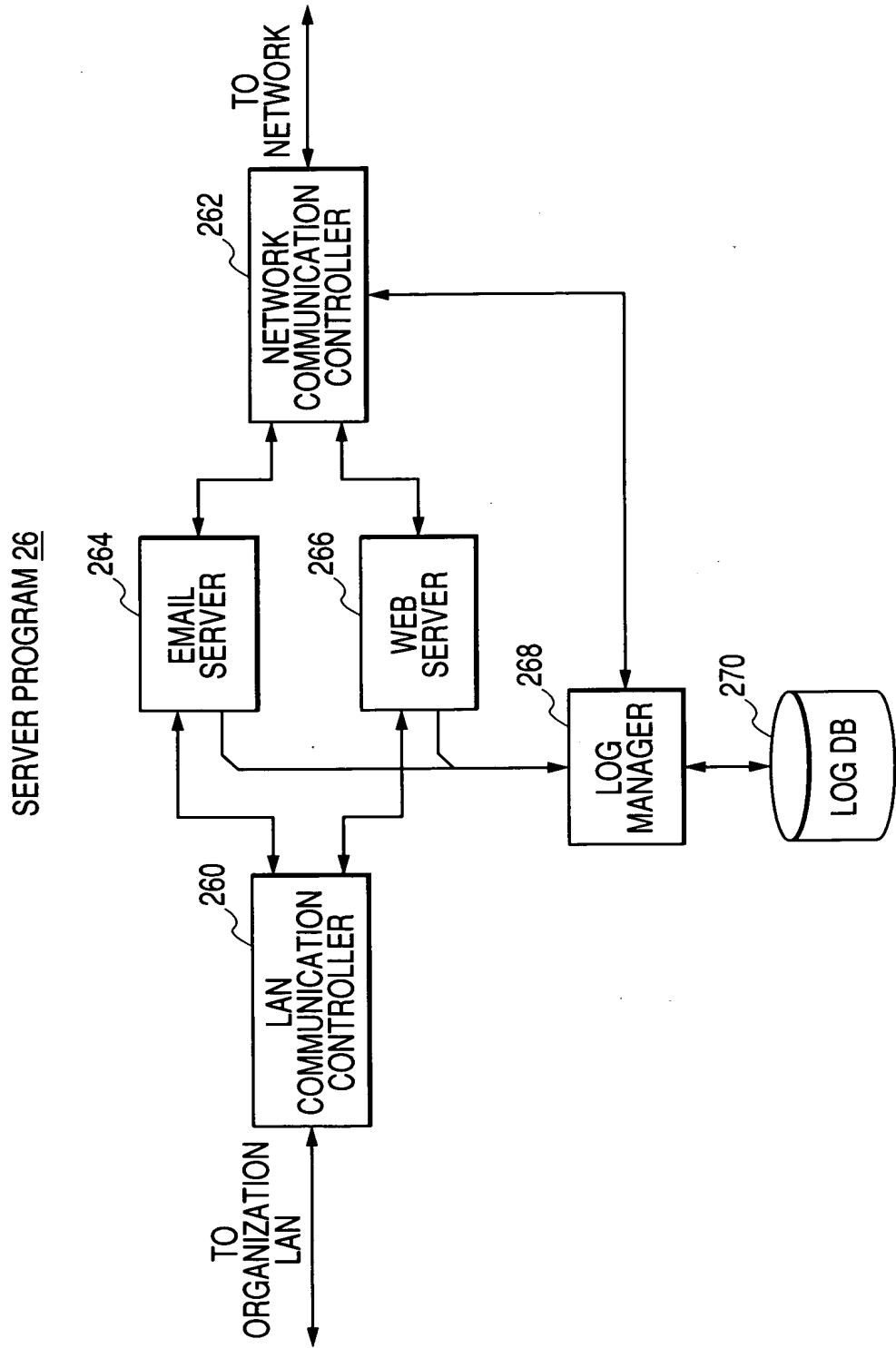
CLIENT COMPUTER 20,  
SERVER 24,  
ANALYSIS AND EVALUATION APPARATUS 3



**FIG. 3**

CLIENT PROGRAM 22



**FIG. 4**

**FIG. 5**

COMMUNICATION ID	SENDER ID	RECIPIENT ID	COMMUNICATION CONTENTS	COMMUNICATION DATE AND TIME
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**FIG. 6**

COMMUNICATION ID	SENDER ID	RECIPIENT ID	COMMUNICATION CONTENTS	DATE AND TIME
1	1	2	SHOULD REVIEW THE RESULTS OF A DISCUSSION CONCERNING WHETHER PRODUCTS A, B AND E CAN BE PREPARED IN TIME FOR THE DELIVERY DEADLINE.	10:00, AUGUST 5, 2001
2	1	3	PLEASE SET UP A MEETING FOR PRODUCT A FOR 19:00 TODAY.	11:00, AUGUST 5, 2001
3	1	4	BETTER HAVE MORE INTENSIVE DISCUSSION OF PRODUCT E LATER.	8:00, AUGUST 6, 2001
4	2	3	WHEN IS THE DEADLINE FOR THE DELIVERY OF PRODUCT B?	14:00, AUGUST 5, 2001
5	3	1	THE DEADLINE OF THE DELIVERY OF PRODUCT A DEPENDS ON THE PRODUCTIVITY WHEN TECHNIQUE 1 IS USED. HERE IS REFERENCE MATERIAL RELATED TO TECHNIQUE 1.	15:00, AUGUST 5, 2001
6	3	2	THE DEADLINE FOR THE DELIVERY OF PRODUCT B IS NOVEMBER.	9:00, AUGUST 6, 2001
7	4	1	THE PACKAGE DESIGNS FOR PRODUCTS A AND B ARE GREATLY DELAYED, ...	14:00, AUGUST 5, 2001
8	4	3	THE PACKAGE DESIGN FOR PRODUCT A WILL BE DELAYED. SO TODAY, PLEASE SUBMIT A REPORT ON TECHNIQUE 1 TO OUR PRESIDENT.	16:00, AUGUST 5, 2001
...	...	...	...	...
...	...	...	...	...

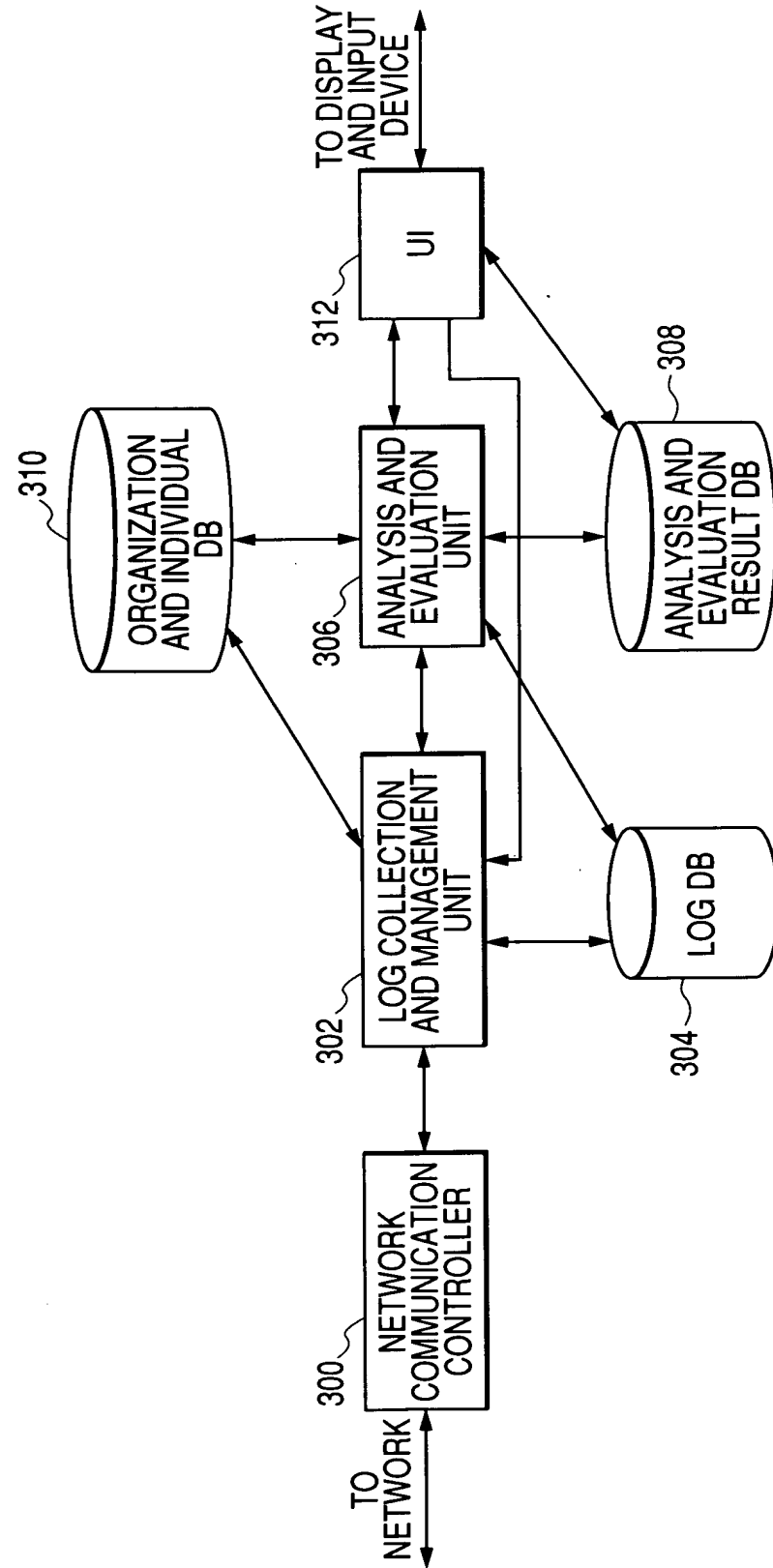
**FIG. 7****ANALYSIS AND EVALUATION PROGRAM 30**

FIG. 8

ORGANIZATION ID	ORGANIZATION NAME	ORGANIZATION FORM	PERIOD	UPPER ORGANIZATION
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FIG. 9

ORGANIZATION ID	ORGANIZATION NAME	ORGANIZATION FORM	PERIOD	UPPER ORGANIZATION
1	PRESIDENT'S OFFICE	FORMAL	JULY 4, 1992 TO THE PRESENT	-
2	B	FORMAL	JULY 4, 1992 TO THE PRESENT	1
3	C	INFORMAL	OCTOBER 24, 2001 TO THE PRESENT	2
4	D	PROJECT	MAY 17, 2003 TO JUNE 2, 2003	3
...	...	...	...	...
100	AA	FORMAL	DECEMBER 23, 2002 TO MARCH 31, 2003	29
101	AB	INFORMAL	JANUARY 7, 2003 TO MARCH 31, 2003	100
...	...	...	...	...

**FIG. 10**

PERSONAL ID (EMPLOYEE ID)	NAME	EMAIL ADDRESS	ORGANIZATION ID
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**FIG. 11**

EMPLOYEE ID	NAME	EMAIL ADDRESS	ORGANIZATION ID
1	Hoge1	<u>Hoge1@a.b.c</u>	1
2	Hoge2	<u>Hoge2@a.b.c</u>	2, 3
3	Hoge3	<u>Hoge3@a.b.c</u>	5, 8, 10
4	Hoge4	<u>Hoge4@a.b.c</u>	5, 8, 10
. . .	. . .	. . .	. . .
127	Hoge127	Hoge127@a.b.c	3, 50, 75, 99, 120
. . .	. . .	. . .	. . .

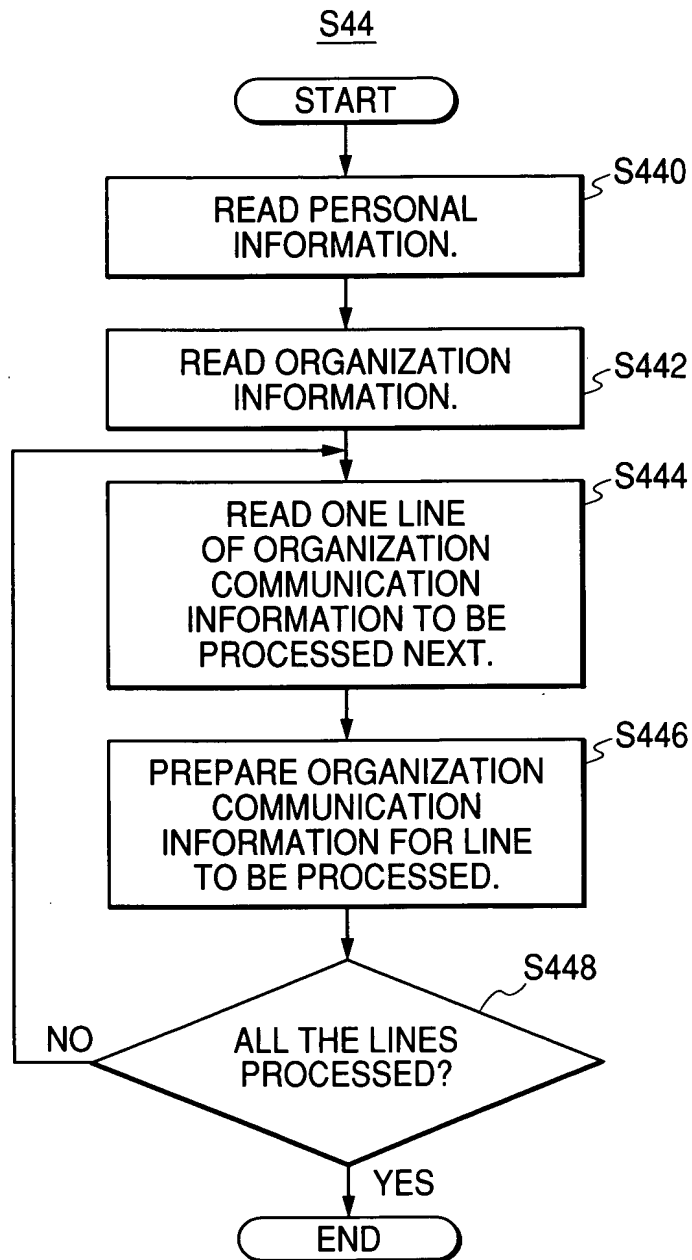


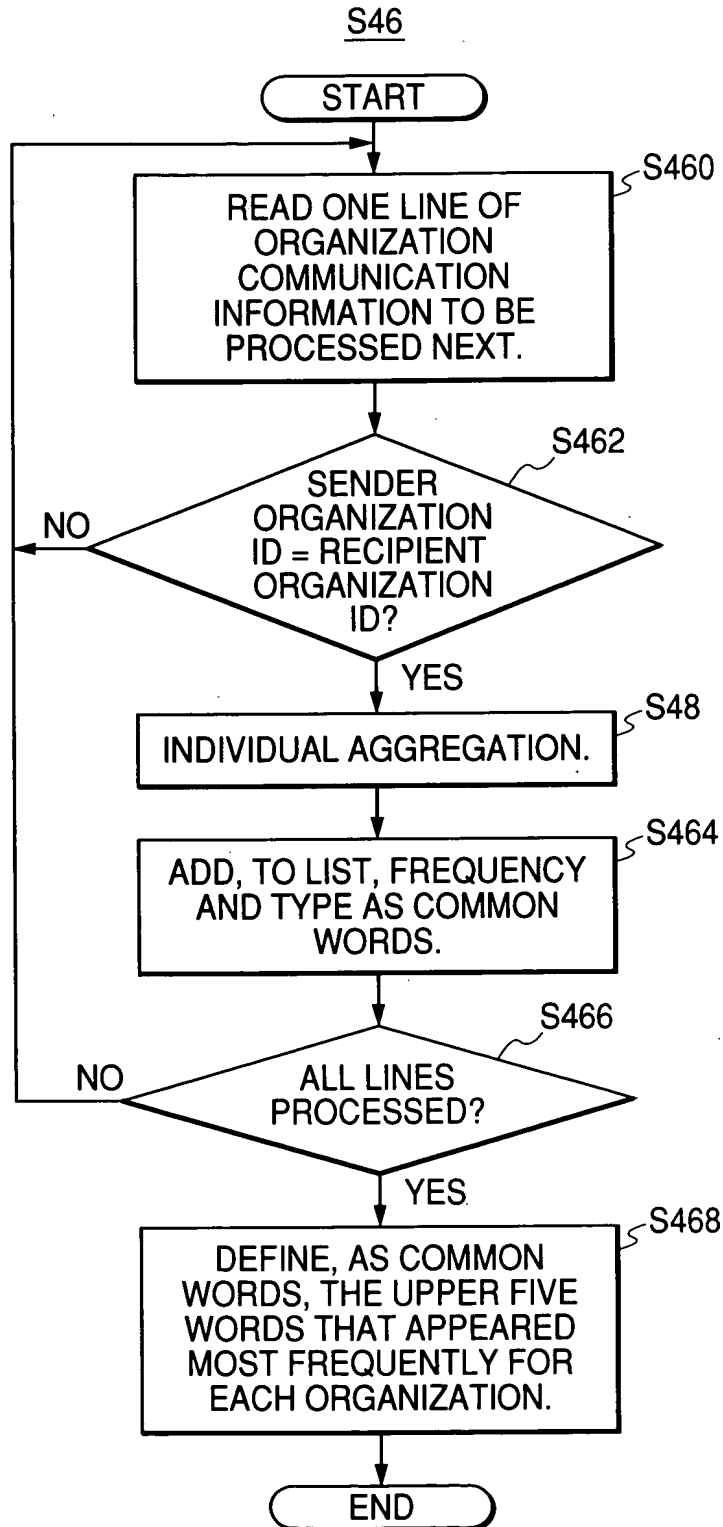
*FIG. 12*

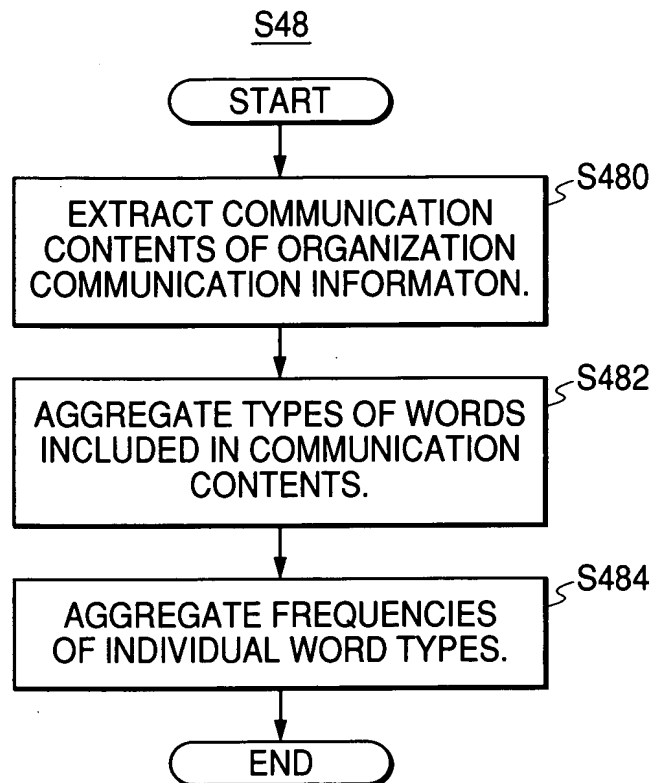
ORGANIZATION COMMUNICATION ID	SENDER ID	RECIPIENT ID	SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMUNICATION CONTENTS	COMMUNICATION DATE AND TIME
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**FIG. 13**

COMMUNICATION ID	SENDER ID	RECIPIENT ID	SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMUNICATION CONTENTS	DATE AND TIME
1	1	2	1	5, 8, 10	SHOULD REVIEW THE RESULTS OF A DISCUSSION CONCERNING WHETHER PRODUCTS A, B AND E CAN BE PREPARED IN TIME FOR THE DELIVERY DEADLINE.	10:00, AUGUST 5, 2001
2	1	3	1	5, 8, 10	PLEASE SET UP A MEETING FOR PRODUCT A FOR 19:00 TODAY.	11:00, AUGUST 5, 2001
3	1	4	1	5, 8, 10	BETTER HAVE MORE INTENSIVE DISCUSSION OF PRODUCT E LATER.	8:00, AUGUST 6, 2001
4	2	3	2, 3	5, 8, 10	WHEN IS THE DEADLINE FOR THE DELIVERY OF PRODUCT B?	14:00, AUGUST 5, 2001
5	3	1	5, 8, 10	1	THE DEADLINE OF THE DELIVERY OF PRODUCT A DEPENDS ON THE PRODUCTIVITY WHEN TECHNIQUE 1 IS USED. HERE IS REFERENCE MATERIAL RELATED TO TECHNIQUE 1.	15:00, AUGUST 5, 2001
6	3	2	5, 8, 10	2, 3	THE DEADLINE FOR THE DELIVERY OF PRODUCT B IS NOVEMBER.	9:00, AUGUST 6, 2001
7	4	1	5, 8, 10	1	THE PACKAGE DESIGNS FOR PRODUCTS A AND B ARE GREATLY DELAYED, ...	14:00, AUGUST 5, 2001
8	4	3	5, 8, 10	5, 8, 10	THE PACKAGE DESIGN FOR PRODUCT A WILL BE DELAYED. SO TODAY, PLEASE SUBMIT A REPORT ON TECHNIQUE 1 TO OUR PRESIDENT.	16:00, AUGUST 5, 2001
...	...	...	...	...	...	...
...	...	...	...	...	...	...

**FIG. 14**

**FIG. 15**

**FIG. 16****FIG. 17**

ORGANIZATION ID	COMMON WORD
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FIG. 18A

COMMON WORD  
FOR ORGANIZATION A

COMMON WORD	APPEARANCE FREQUENCY
CLIENT	48
WOMAN	42
DISCUSSION	40
STRATEGY	39
TECHNIQUE	30
CUSTOMER	29
BUSINESS	25
SITE	5

FIG. 18B

COMMON WORD  
FOR ORGANIZATION B

COMMON WORD	APPEARANCE FREQUENCY
SITE	52
REQUEST	48
SERVER	40
EVERYBODY	40
IDEA	40
DISCUSSION	32
TECHNIQUE	30
COST	3

FIG. 18C

COMMON WORD  
FOR ORGANIZATION C

COMMON WORD	APPEARANCE FREQUENCY
YEN	108
ROBOT	94
TECHNIQUE	93
DISCUSSION	78
PRINT	68
COST	64
PRODUCTION	54
SERVER	10

FIG. 19

ORGANIZATION ID	COMMON WORD	CONCEPT
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**FIG. 20**

ORGANIZATION ID	COMMON SYNONYM	
1	COMMON SYNONYM	APPEARANCE FREQUENCY
	{CLIENTELE, CUSTOMER, CLIENT}	100
	{ACTIVITY, ACTION, JOB, TASK, ...}	78
	{SOLUTION, RESOLVING METHOD, ANSWER, ...}	32
2	COMMON SYNONYM	APPEARANCE FREQUENCY
	{UNDERSTANDING, KNOWLEDGE, SENSE, EXPERIENCE}	32
	{TECHNIQUE, TECHNOLOGY, FUNCTION}	14
	...	7
3	COMMON SYNONYM	APPEARANCE FREQUENCY
	...	98
	...	20
	...	3

FIG. 21

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
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FIG. 22

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
1	2	{CLIENT, SATISFACTION, RELIABILITY}
1	5	{CLIENT, COMPETITION, COOPERATION}
2	1	{SERVICE, SOLUTION, ...}
2	4	{..., ..., ..., ...}
3	1	{..., ..., ..., ...}
3	5	{..., ..., ..., ...}

FIG. 23

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD	CONCEPT
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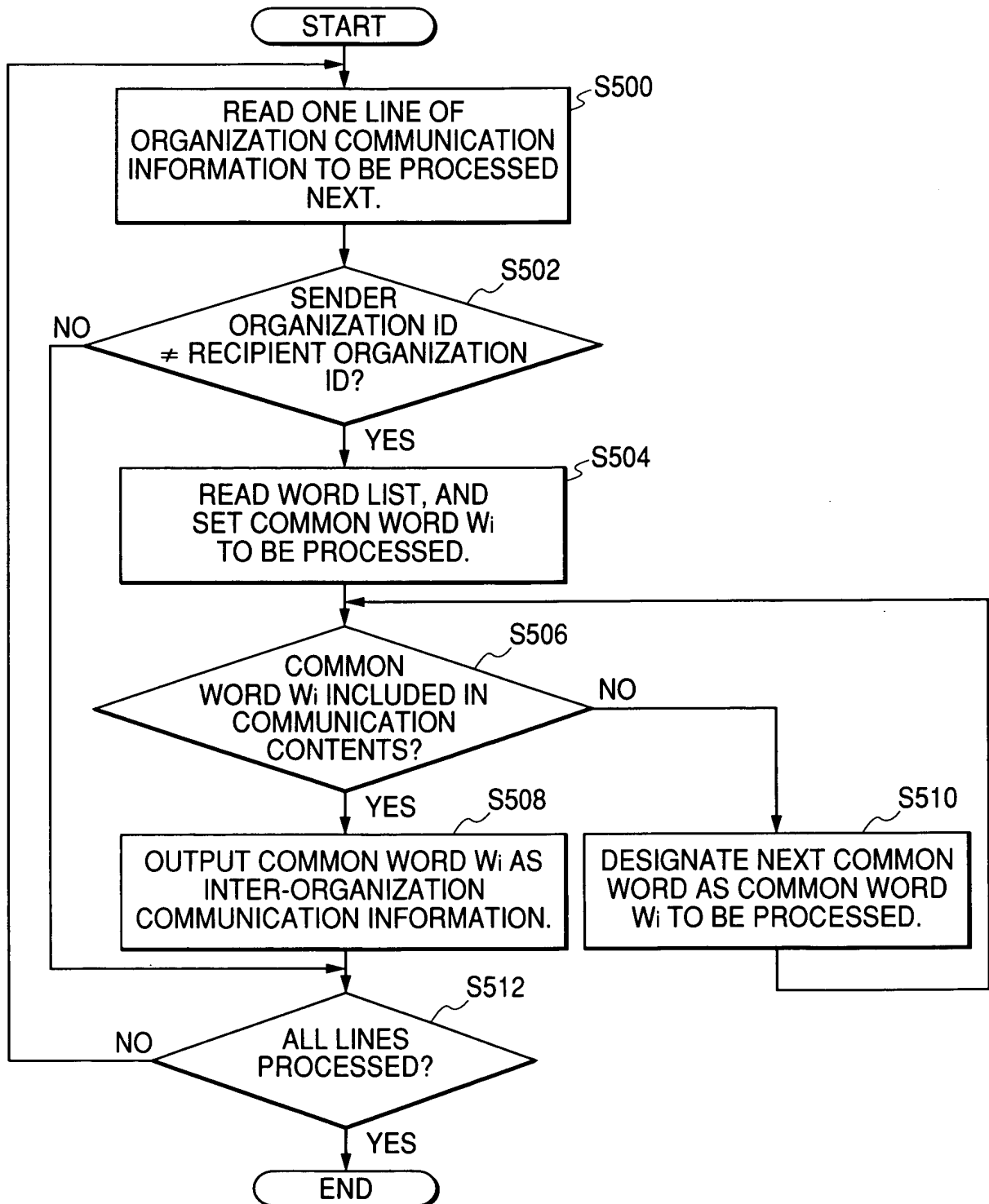
**FIG. 24**S50

FIG. 25

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD
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FIG. 26

SENDER ORGANIZATION ID	RECIPIENT ORGANIZATION ID	COMMON WORD	CONCEPT
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FIG. 27

ORGANIZATION ID (PERSONAL ID)	COMMON WORD	AFFECT RANGE (ORGANIZATION COUNT)
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FIG. 28

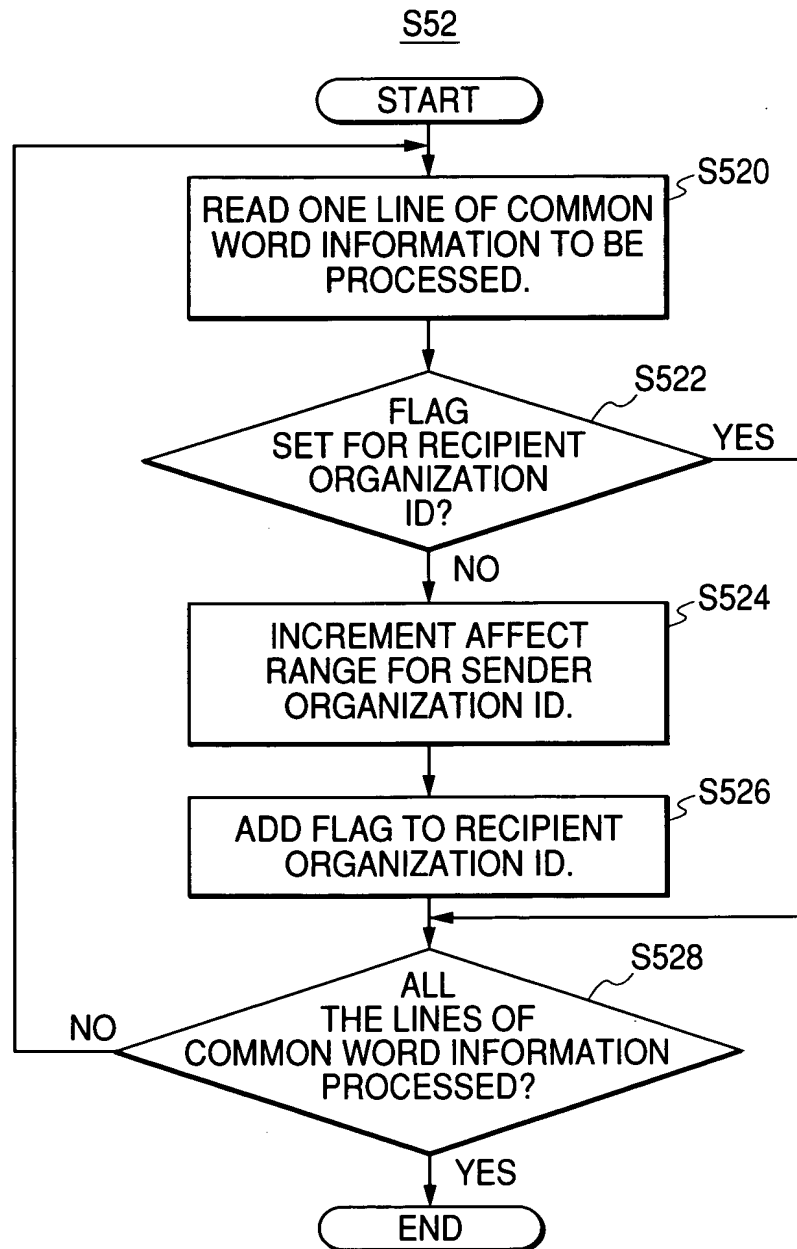
ORGANIZATION ID	AFFECT RANGE (ORGANIZATION COUNT)
1	115
2	32
3	50
4	40

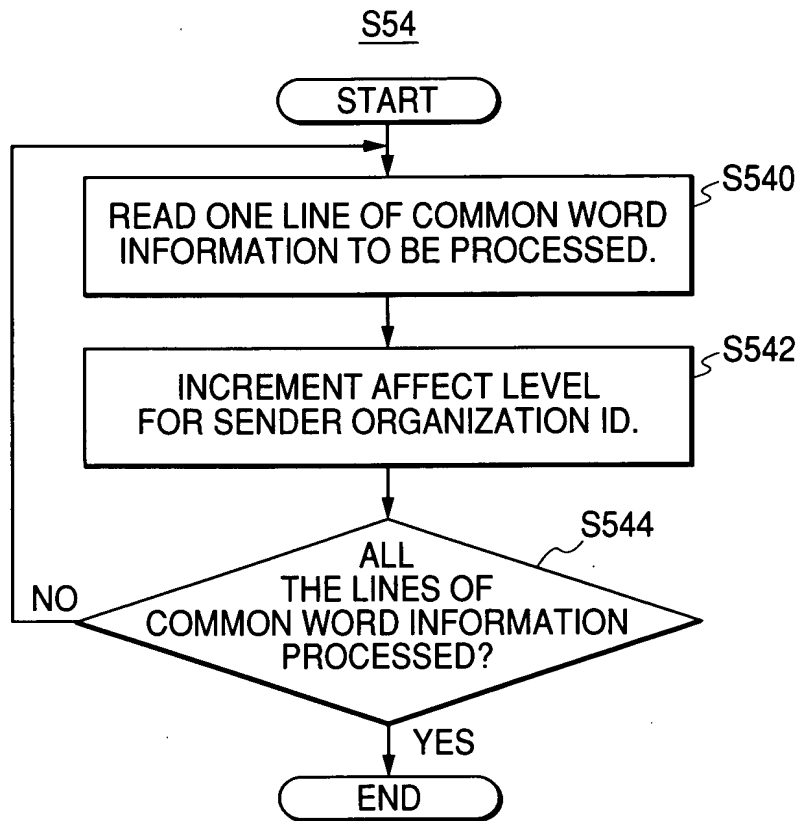
FIG. 29

ORGANIZATION ID	AFFECT LEVEL (FREQUENCY)
1	753
2	222
3	300
4	50

FIG. 30

ORGANIZATION ID (PERSONAL ID)	COMMON WORD	CONCEPT	AFFECT RANGE (ORGANIZATION COUNT)
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**FIG. 31**

**FIG. 32**

**FIG. 33**

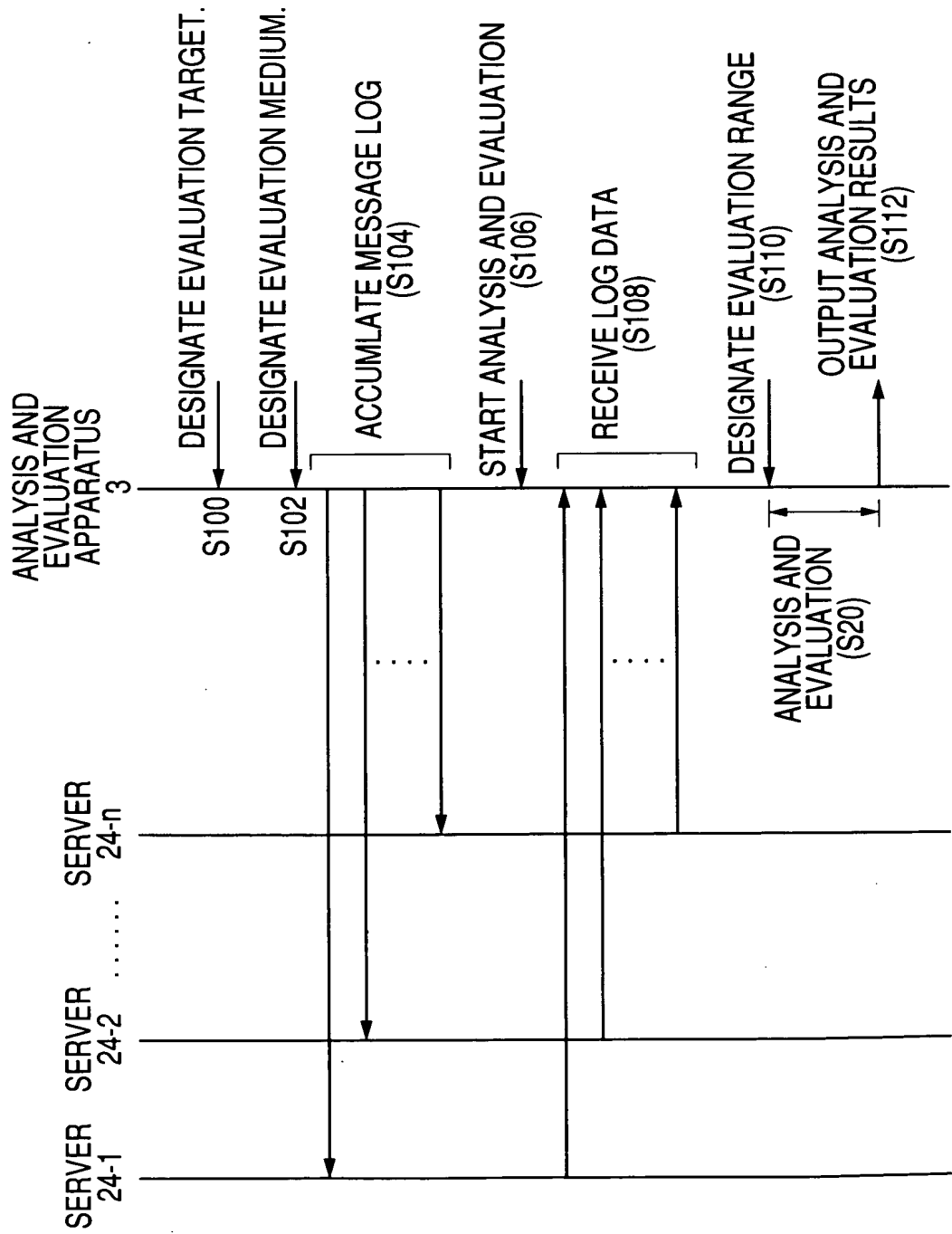
ORGANIZATION ID	CONCEPT (WORD)	AFFECT RANGE (ORGANIZATION COUNT)
1	CLIENT	50
1	SATISFACTION	50
1	RELIABILITY	15
2	SERVICE	12
2	SOLUTION	20
3	KNOWLEDGE	50
4	TECHNIQUE	10
4	COMPETITION	20
4	ENVIRONMENT	10

**FIG. 34**

ORGANIZATION ID	CONCEPT (WORD)	AFFECT LEVEL (FREQUENCY)
1	CLIENT	500
1	SATISFACTION	200
1	RELIABILITY	53
2	SERVICE	121
2	SOLUTION	101
3	KNOWLEDGE	300
4	TECHNIQUE	10
4	COMPETITION	20
4	ENVIRONMENT	20

FIG. 35

ANALYSIS AND EVALUATION SEQUENCE (S10)



**FIG. 36**

## ANALYSIS AND EVALUATION (S20)

